

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of: Wayne Robinson

Serial No.: 09/614,707

Art Unit: 2831

Filed: 07/12/00

Examiner: Chau Nguyen

Kenny Clamp

AMENDMENT

Honorable Commissioner of Patents

Washington, D.C. 20231

Sir;

In response to the interview of August 27 with Examiner Nguyen, kindly amend the aforesaid application as follows:

IN THE DRAWINGS

In Fig's 2 and Fig. 3 respectively add --Amended (in red ink)-- under the drawings

IN THE CLAIMS

Reinstate Claims 1-6 for claims 1-7.

1. A device for bonding a grounding electrode conductor to the enclosure of an electric service box in conformance to the National Electric Code comprising:

- a) a grounding electrode having a grounding electrode conductor affixed thereto, said conductor extending from said grounding electrode to said enclosure,
- b) said enclosure having an inlet to which a metal press sleeve connector can be affixed, said connector having a top and bottom with an aperture thereat for receiving said conductor, said top of said connector being threaded and secured to said inlet by a lock nut, said conductor having an end that passes through said aperture in said top and being fastened to a bus bar in said enclosure,
- c) compression means for clamping and securing said grounding electrode conductor to said metal press sleeve in electrical contact at the region of clamping,
- d) said sleeve being in the form of a funnel having a lower, bifurcated, narrow end and a wider upper end having a cylindrical extension that threads into said inlet said enclosure, said funnel having a threaded exterior surface and said compression means includes a threaded ring having an internal diameter that corresponds to that of said narrow bifurcated end, said ring being rotated so as to compress said bifurcated end of said funnel around said conductor,
- e) said press sleeve and said grounding electrode conductor being rated for available fault current.

- 2. A device as in Claim 1 wherein said connector and said conductor are made of aluminum.
- 3. A device as in Claim 1 wherein said connector and said conductor are made of copper.
- 4. A device as in Claim 1 wherein said lower end of said funnel is divided into four legs.

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